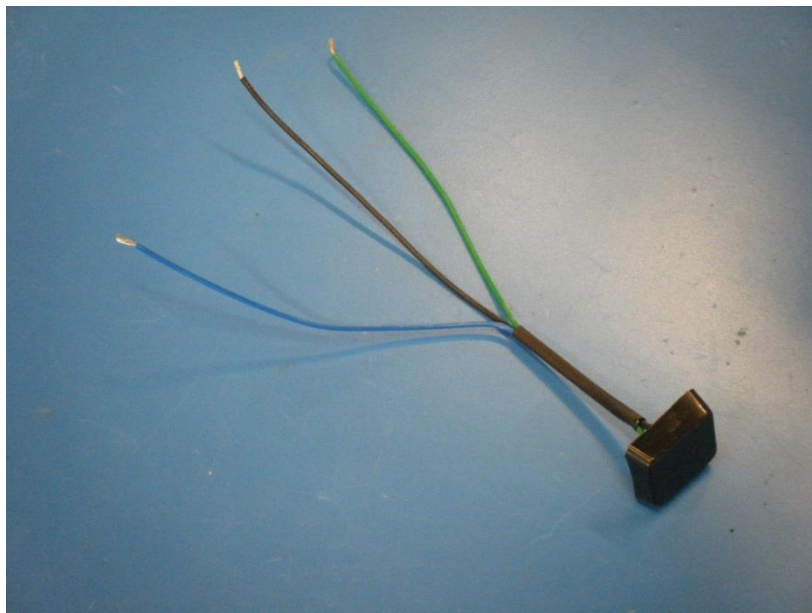




Synchronous Flash Unit: Connection and Application

The purpose of this document is to introduce a new AeroLEDs accessory requested by many customers that have aircraft in which the landing and taxi lights are either next to each other, or in close proximity to each other. Having these lights close to each other makes the built-in wig-wag (alternating flashing) function not as visible at distance than if the two lights can flash synchronously (together at the same time), thus significantly increasing aircraft visibility to other aircraft and ground personnel.

The photo below is the AeroLEDs Synchronous-Flash unit, which is compact and simple to install, as this document will demonstrate.

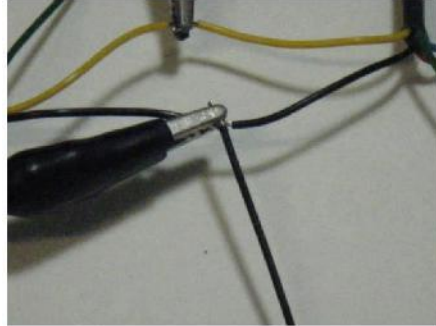


Note the unit has 3 wire leads:

1. Black: this is connected to aircraft ground
2. Blue: this is connected to one of the light's Green wire
3. Green: this is connected to the other light's Blue wire



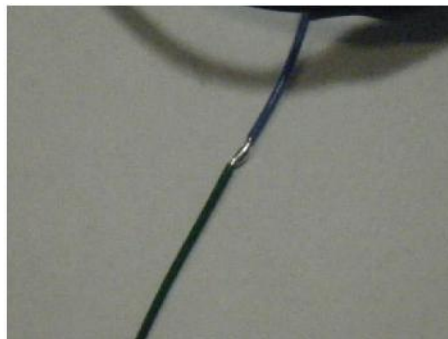
Below, the photos show the connections referred to on the previous page.
Synchronous-flash unit Black wire to aircraft power/light ground:



Synchronous-flash unit Blue wire connected to one of the light's Green wire:

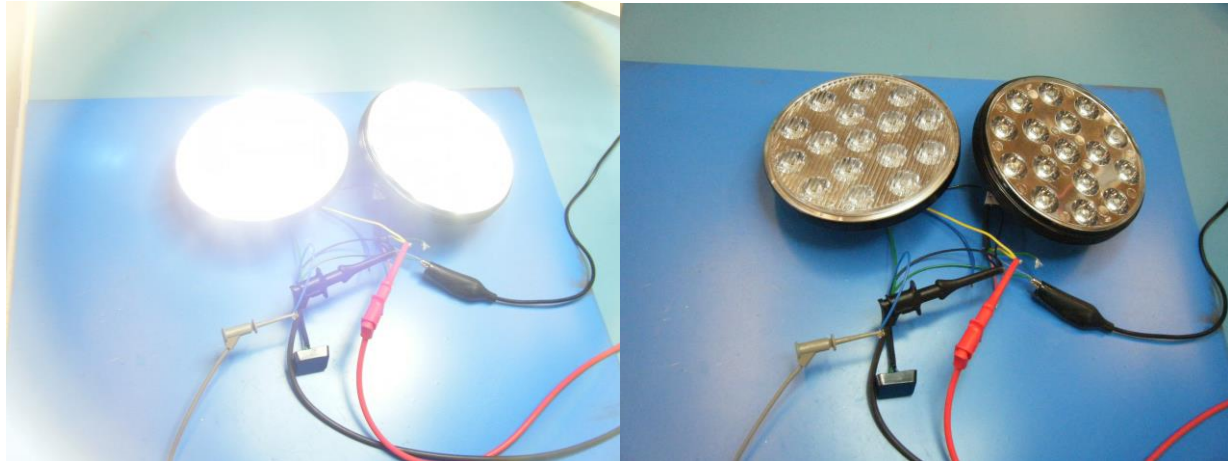


Synchronous-flash unit Green wire connected to one of other light's Blue wire:





The following two photos demonstrate the synchronous flashing of an AeroLEDs SunSpot 36 taxi and landing light.



Note that the AeroLEDs Synchronous-Flash unit can be used to synchronize any of the AeroLEDs LED landing, taxi, or recognition lighting products.

If you have any further questions, or need assistance, please contact us with your questions at AeroLEDs:

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